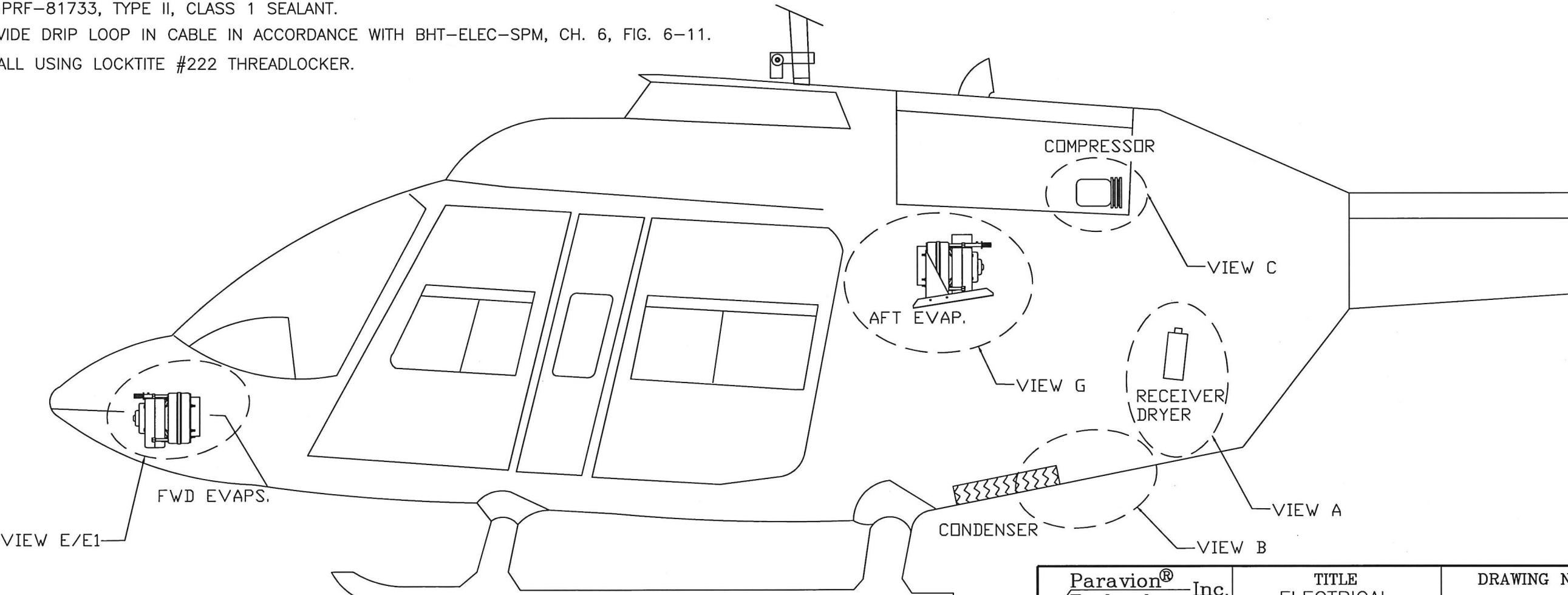


- △ CRIMP PER AMP INC. DOC. #1S9252 PARA. 3,4 OR MANUFACTURER'S INSTRUCTIONS
 △ CRIMP TERMINALS PER BHT-ELEC-SPM CHAPTER 5-3 §4-7 THRU 4-9.
 △ INSTALL M23053/1-101-0 OR EQUIVALENT HEAT SHRINK AS NEEDED
 △ SECURE USING LACING CORD PER BHT-ELECT-SPM CHAP 6, §6-22 THRU 6-29 AS APPLICABLE
 △ INSTALL DRYER GND TO EXISTING TOOLING HOLE BEFORE DRYER BOTTLE INSTALL
 △ FOLLOW SURFACE PREPARATION AND FINISHING PROCEDURES IN BHT-ELEC-SPM CHAPTER 8 FOR ALUMINUM SURFACES. ALL ELECTRICAL BONDING AND GROUNDING TO BE DONE IN ACCORDANCE WITH BHT-ELEC-SPM CHAPTER 8-26, TABLE 2 CLASS S. 1000 MILLIOHMS OR LESS.
 7 ALL WIRES TO BE BUNDLED WITH EXISTING WIRE BUNDLES.
 △ INSTALL TERMINAL UNDER RETAINING CLIP.
 9 ALL WIRES TO BE RESTRAINED IN ACCORDANCE WITH BHT-SLEC-SPM CHAPTER 6 AND AC 43.13 CHAPTER 11.
 10 INSTALL TERMINALS IN ACCORDANCE WITH BHT-ELEC-SPM CHP 4.
 △ SEAL ELECTRICAL BOND IN ACCORDANCE WITH CH. 8 OF BHT-ELEC-SPM USING MIL-PRF-81733, TYPE II, CLASS 1 SEALANT.
 12 PROVIDE DRIP LOOP IN CABLE IN ACCORDANCE WITH BHT-ELEC-SPM, CH. 6, FIG. 6-11.
 △ INSTALL USING LOCTITE #222 THREADLOCKER.

SHEET	REV	ECO	DATE	DESCRIPTION	BY	CHK	APR
1	A		07/01/99	ADDED ES5024(X) CONNECTORS REMOVED BUTT SPLICES.	PR	LS	PR
1-3	B		01/05/01	EXCHANGED CONDENSER WIRING & MOLEX #'S	MR	LS	MR
1-3	C		04/26/01	UPDATED PLACARD AND FORMAT	GP	LS	GP
1	D		12/10/02	SH.1 ITEM 9 WIRE "AC1C18" WAS "AC1C20"	GP	LS	GP
1	E		10/10/05	ITEM 36 WAS ITEM 14. ITEM 34 WAS ITEM 31. ITEM 4 WAS AC3P16, ITEM 5 WAS AC4P16. ITEMS 16 & 17 TERMINALS (RIGHT FWD EVAPORATOR): 1-RED & 2-ORANGE WERE REVERSED (i.e., 3-1-2 WAS 3-2-1). ITEM 28; QTY (3) WAS QTY (2).	REB	LS	REB
1,3	F		08/02/06	④ (REF), ⑤ (REF) SH.3 CORRECTED TO REV.E CONFIG, WAS ③ (REF), ② (REF)	REB	LS	REB
1	1		04/16/09	ADDED ⑦	REB	LS	REB
1	F	2	02/25/15	ADDED ⑨ SINCE TERMINALS WERE REMOVED FROM ⑦ & ⑧; ADDED NOTE △ TO CRIMP TERMINALS; ADDED WIRE TO COMPRESSOR TO IMPROVE GROUND. JT SWAPPED NUMBERS ⑩ AND ⑪ ON SHEET 1.	LS	JT	
1	G		06/11/19	ADDED ALT. P/N M22759/41-18 TO ITEM 37. ADDED ⑯ ⑰ ⑱ ⑲ ANNOTATION.	DT	LS	ZA
1	G	1	07/31/19	ITEM #20 P/N UPDATED, OLD P/N ADDED AS ALT.	DT	LS	ZA
ALL	H		12/12/19	ADDED FWD AND AFT EVAP. LABEL TO SWITCHES IN OVERHEAD PANEL. CHANGED ITEM 20 TO ITEM 82 FOR PRESSURE SWITCH. ADDED NOTES 2-13, -2 INSTALLATION, SHTS 5-9 VIEWS A-G3, & P/N'S 40-104. REPLACED WIRING ASSYS P/N'S 7,8,10,12 WITH 7,8,10,12, & 51-62 INDIVIDUAL WIRES. NEW P/N'S FOR ITEM #37, OLD PART ADDED AS ALT.	DT	LS	ZA



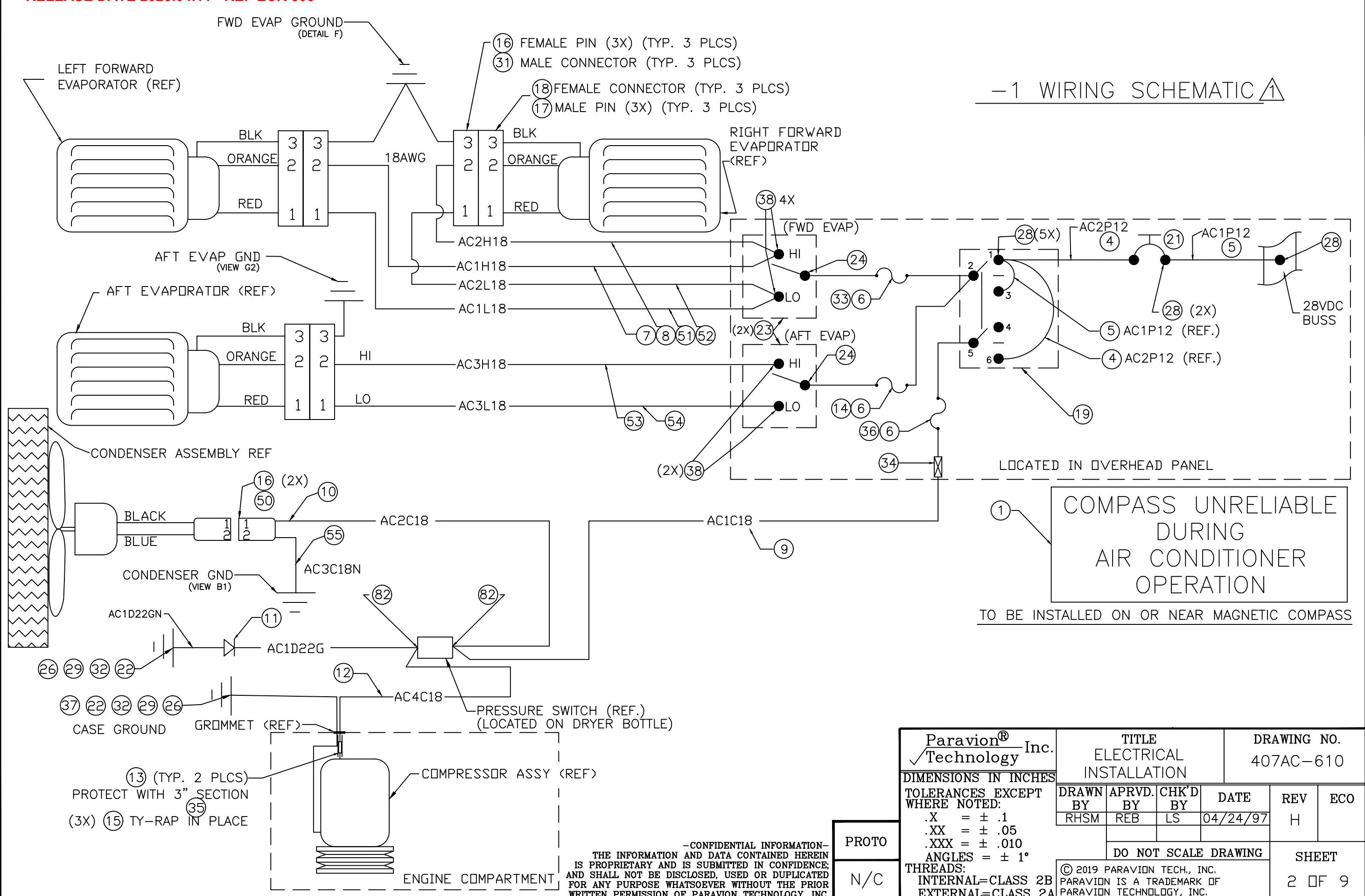
-1/-2 INSTALLATION

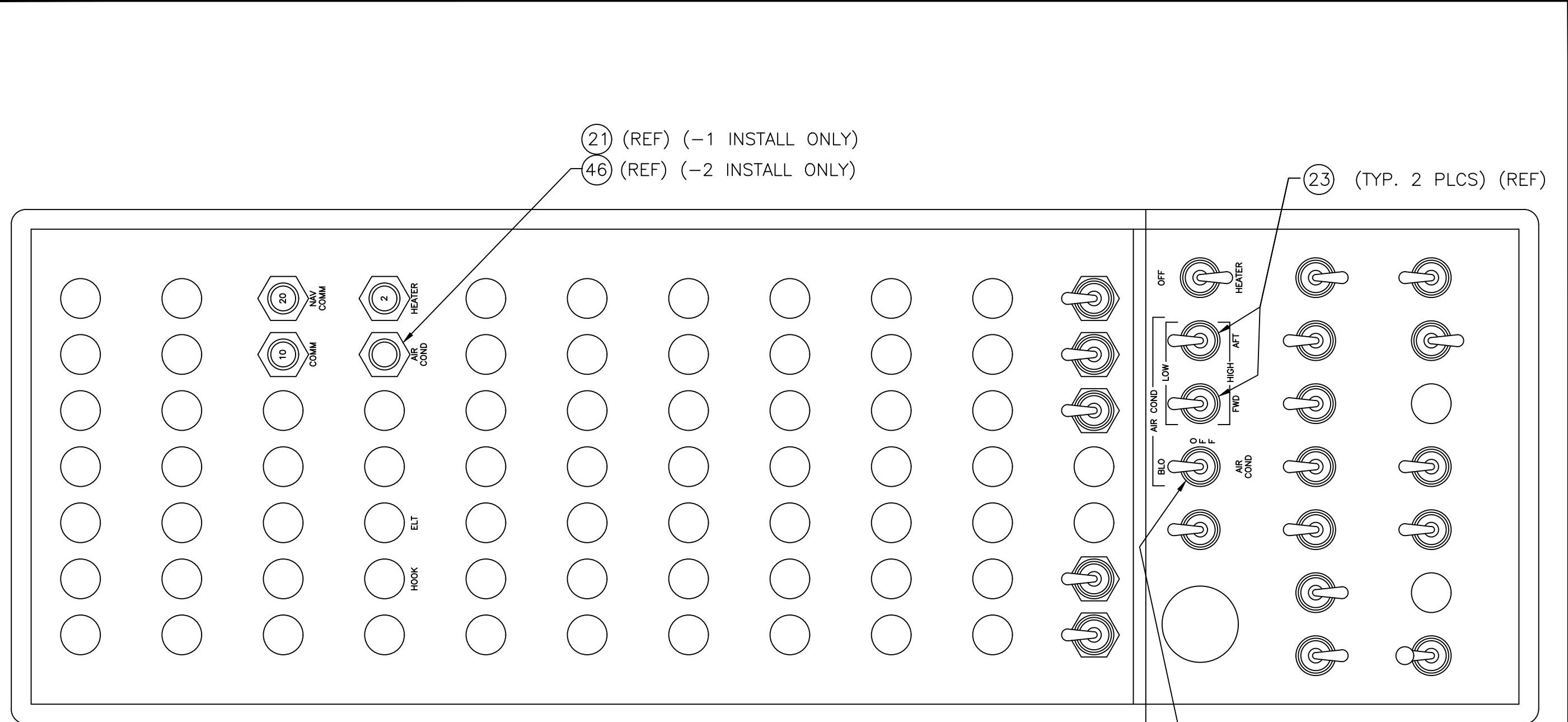
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PROTO
N/C

Paravion® Inc. Technology		TITLE ELECTRICAL INSTALLATION		DRAWING NO. 407AC-610	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES = ± 1° THREADS: INTERNAL=CLASS 2B EXTERNAL=CLASS 2A		DRAWN BY RHSM	APRVD. BY REB	CHK'D BY LS	DATE 04/24/97
DO NOT SCALE DRAWING					
SHEET 1 OF 9					

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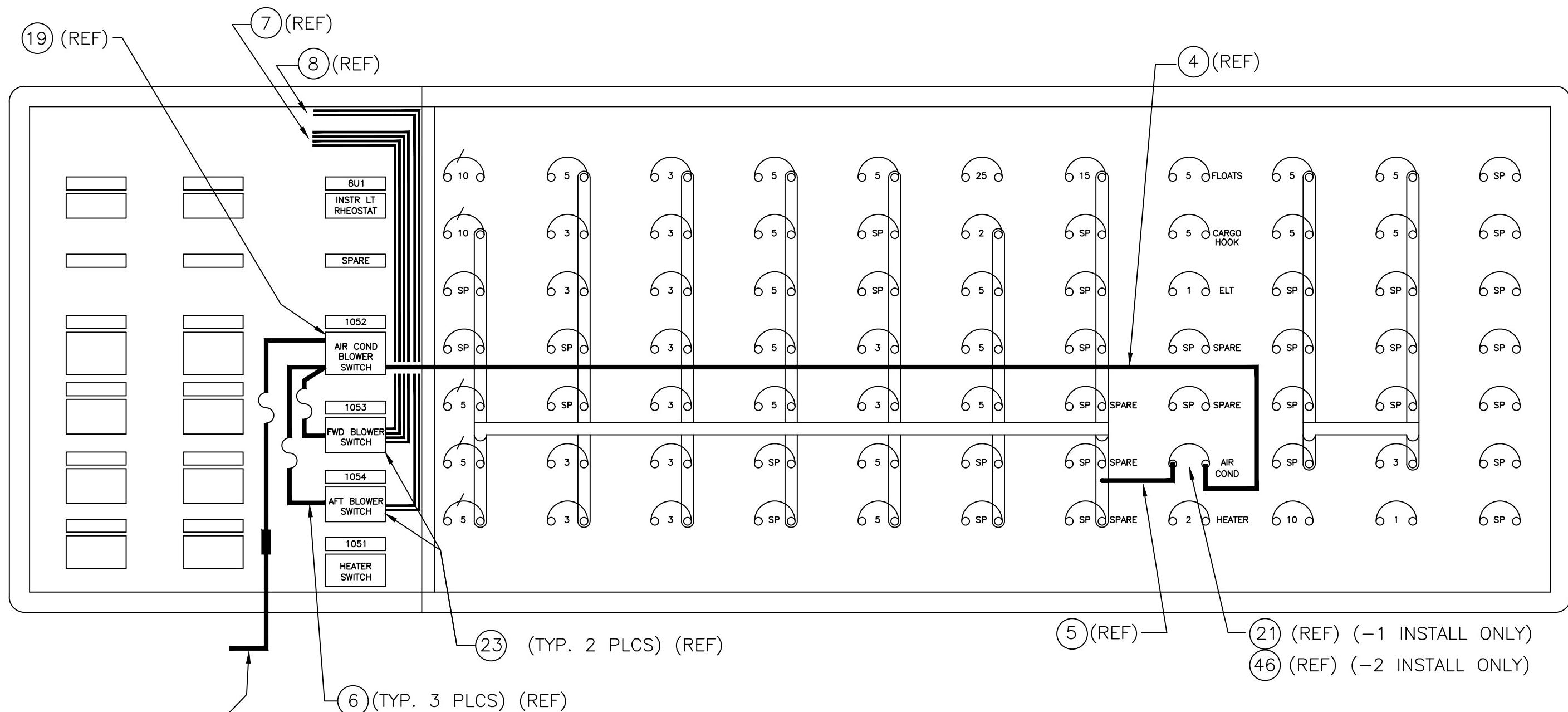




-1/-2 INSTALLATION
OVERHEAD PANEL
VIEW LOOKING UP

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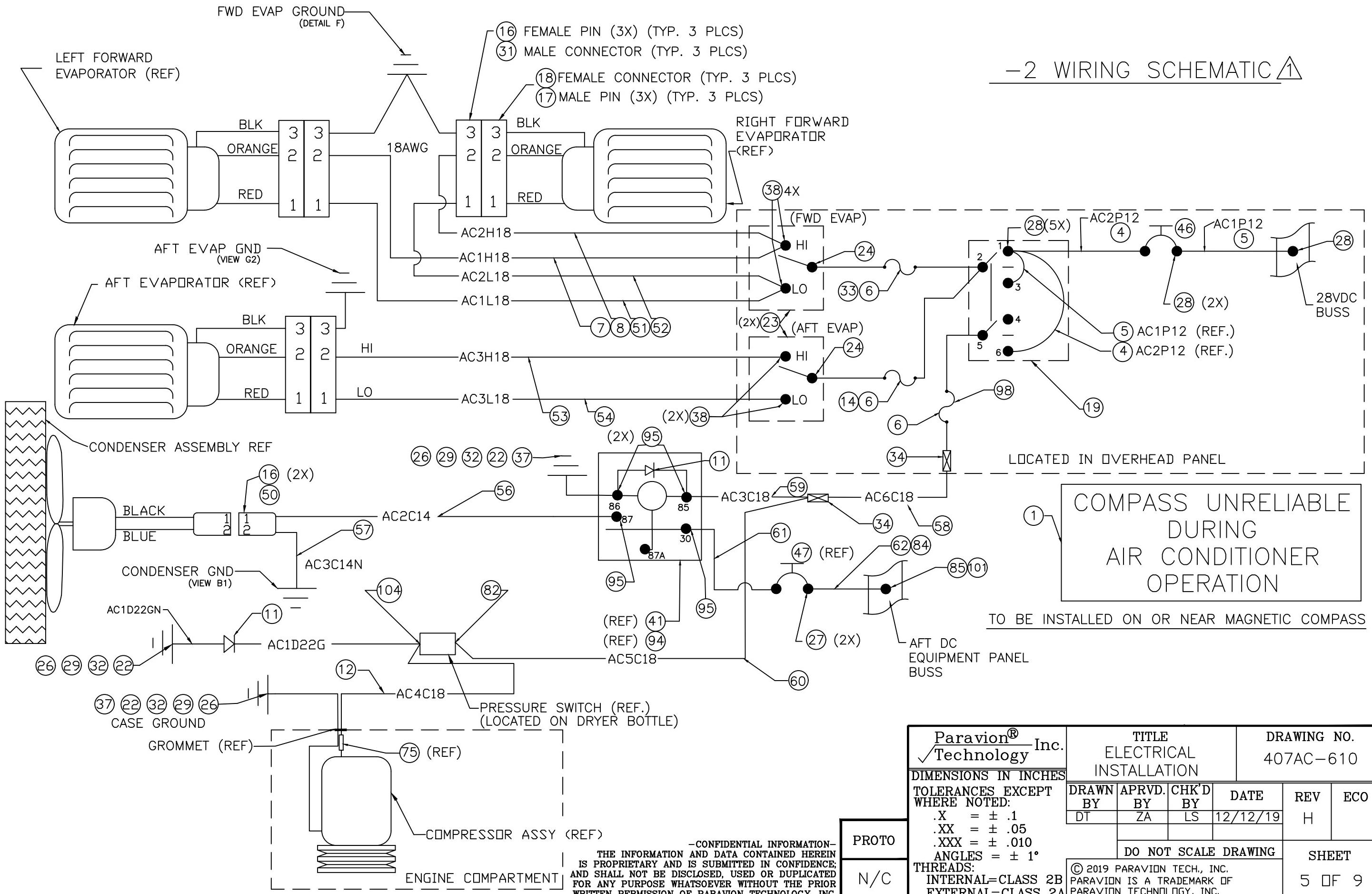
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DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED:		DRAWN BY RHSM	APRVD. BY REB	CHK'D BY LS	DATE 04/24/97	REV H	ECO	
PROTO	N/C	DO NOT SCALE DRAWING						
		INTERNAL=CLASS 2B EXTERNAL=CLASS 2A	© 2019 PARAVION TECH., INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.					

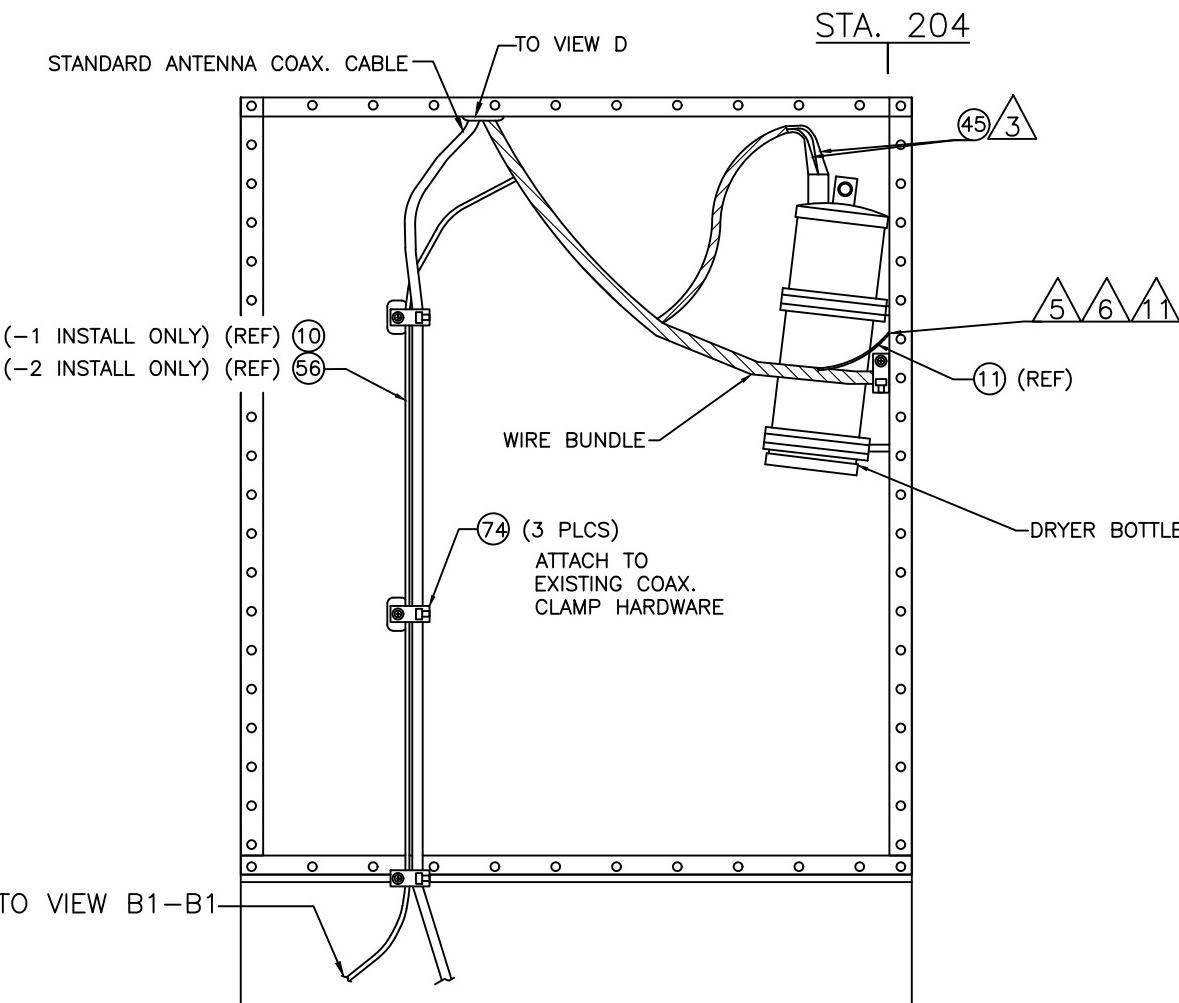


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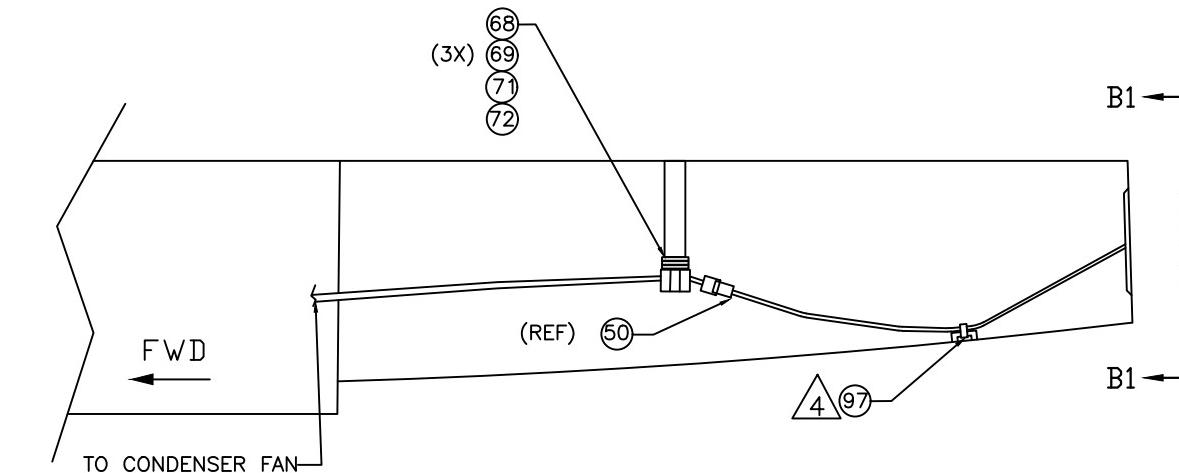
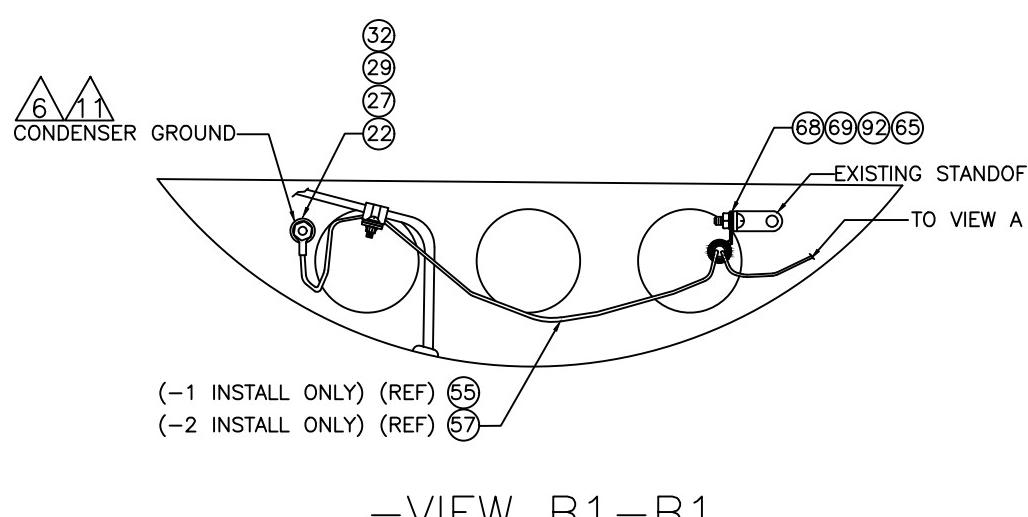
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DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: $X_{XX} = \pm .1$ $X_{XXX} = \pm .010$ ANGLES = $\pm 1^\circ$		DRAWN BY RHSM	APRVD. BY REB	CHK'D BY LS	DATE 04/24/97	REV H	ECO
PROTO	N/C						
DO NOT SCALE DRAWING						SHEET 4 OF 9	
INTERNAL=CLASS 2B EXTERNAL=CLASS 2A						© 2019 PARAVION TECH, INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.	

-2 WIRING SCHEMATIC





-VIEW A
DRYER BOTTLE WIRE ROUTING

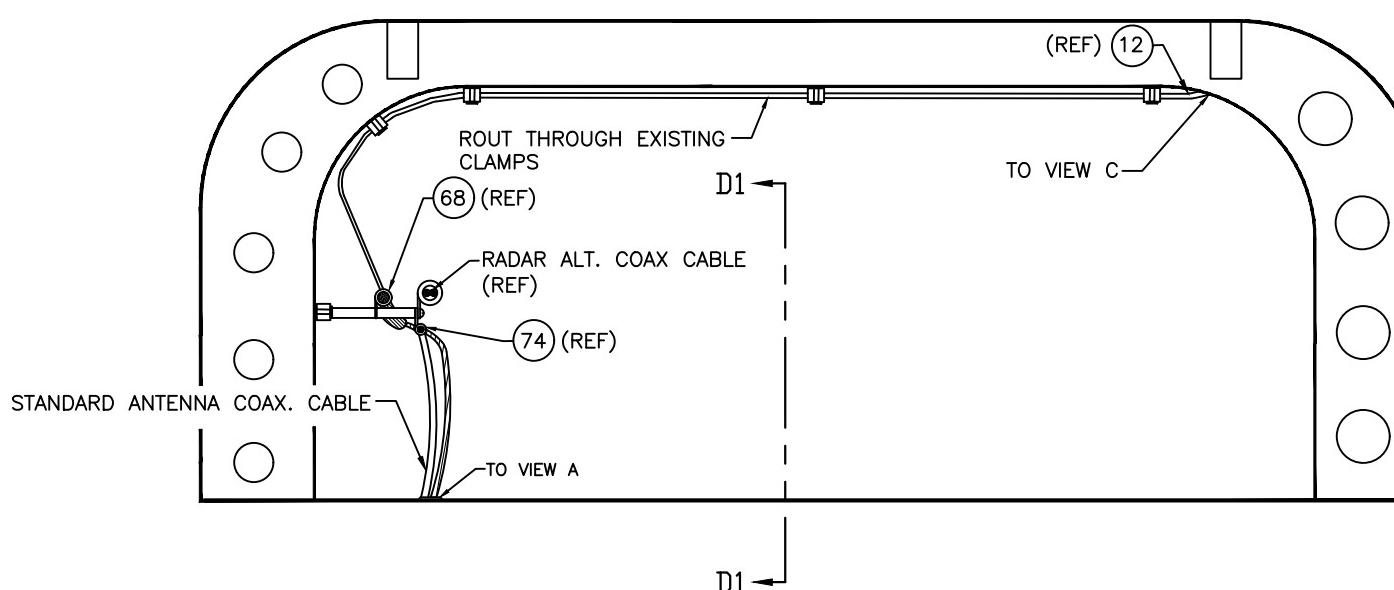
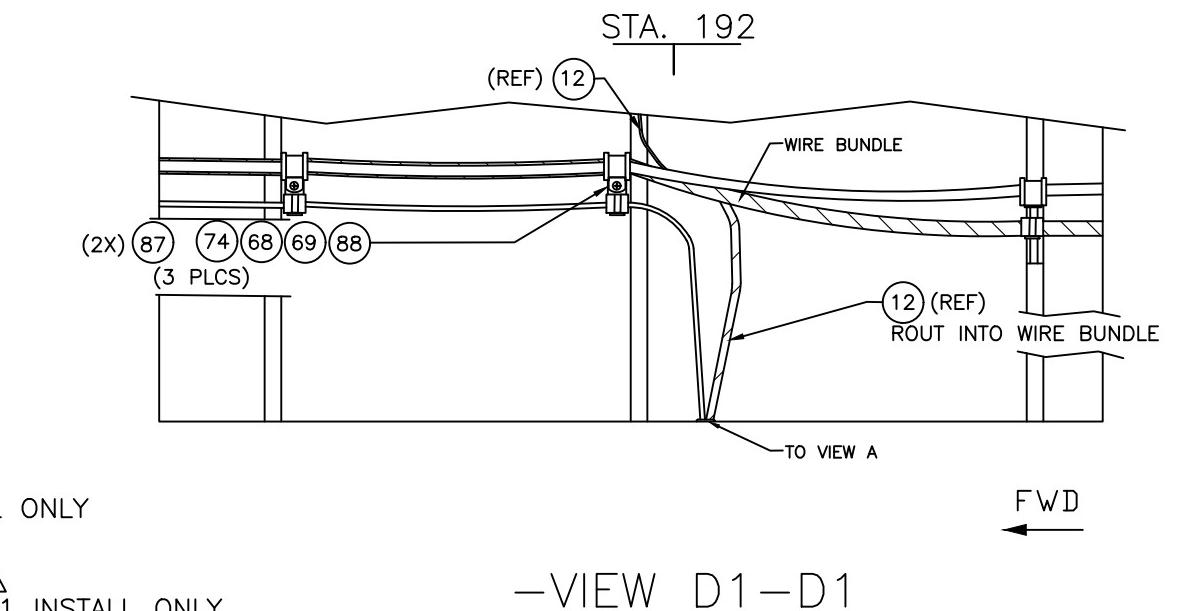
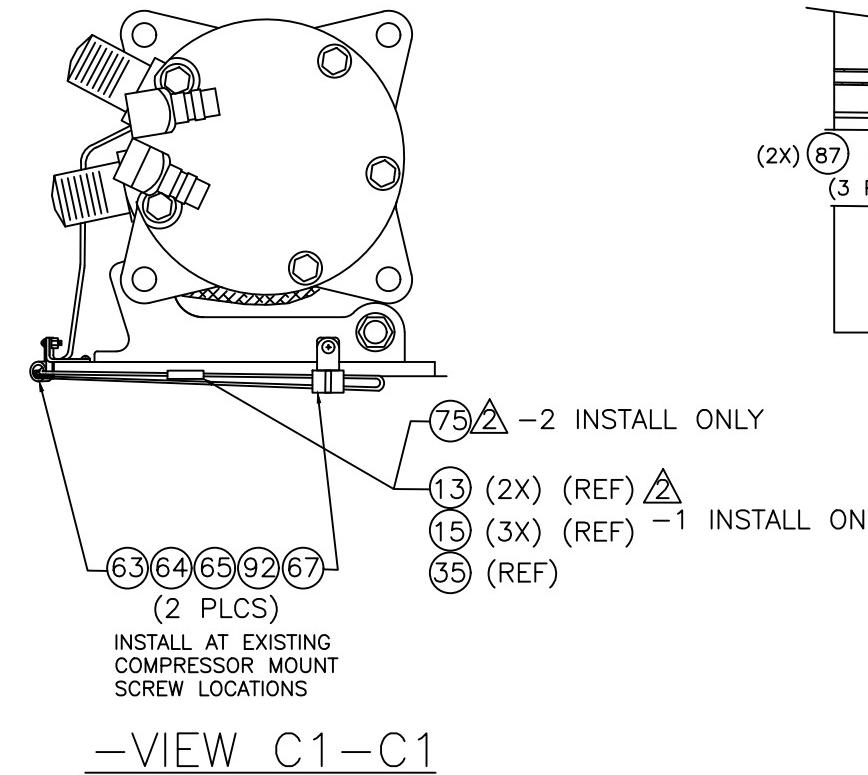
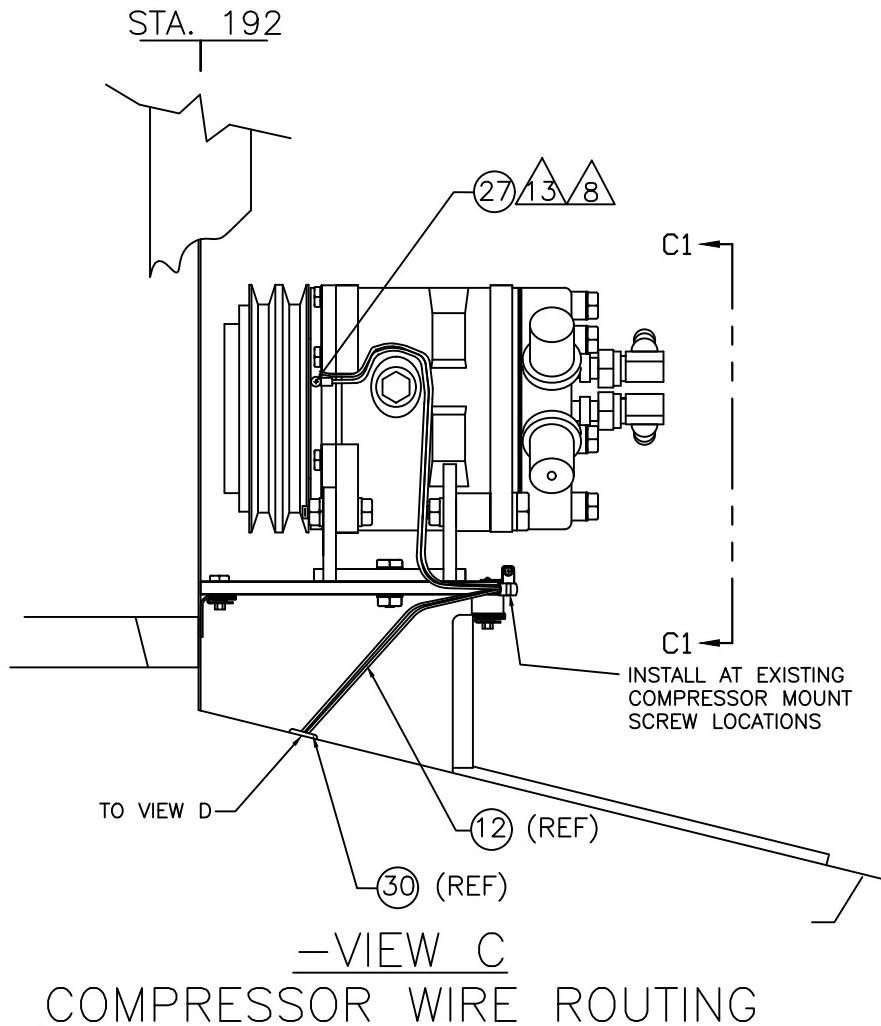


-VIEW B
CONDENSER FAN WIRE ROUTING

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PROTO
N/C

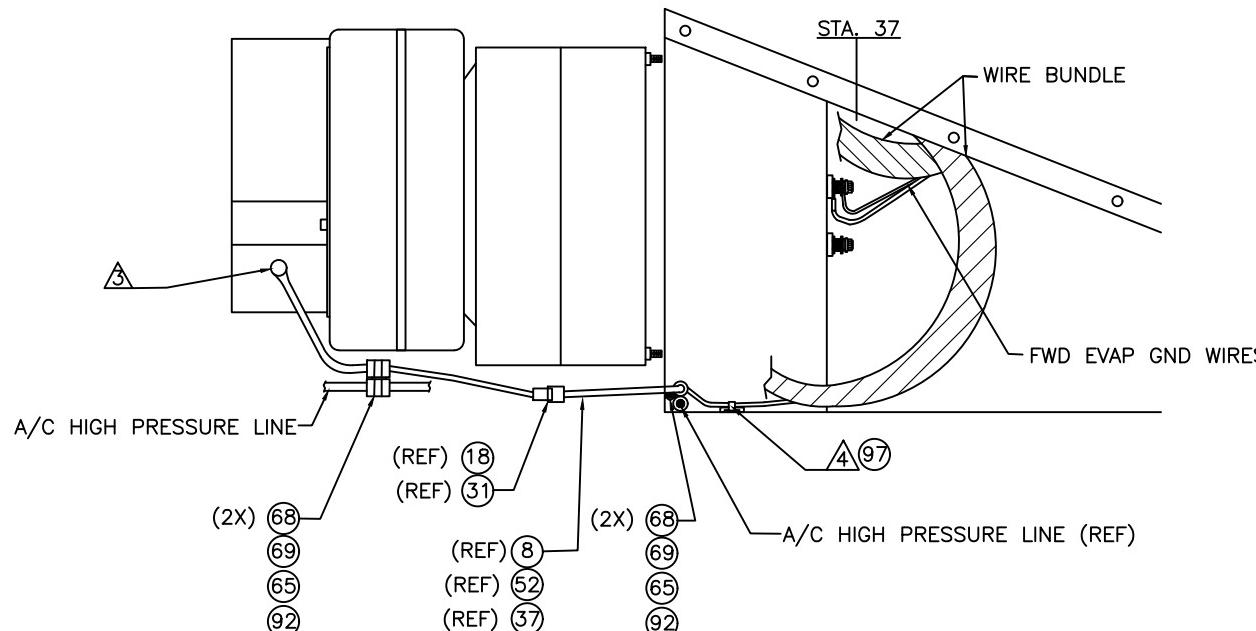
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DIMENSIONS IN INCHES											
TOLERANCES EXCEPT WHERE NOTED:											
.X	= ± .1										
.XX	= ± .05										
.XXX	= ± .010										
ANGLES = ± 1°											
THREADS: INTERNAL=CLASS 2B EXTERNAL=CLASS 2A						DO NOT SCALE DRAWING					
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DRAWN BY DT	APRVD. BY ZA	CHK'D BY LS	DATE 12/12/19	REV H	ECO						



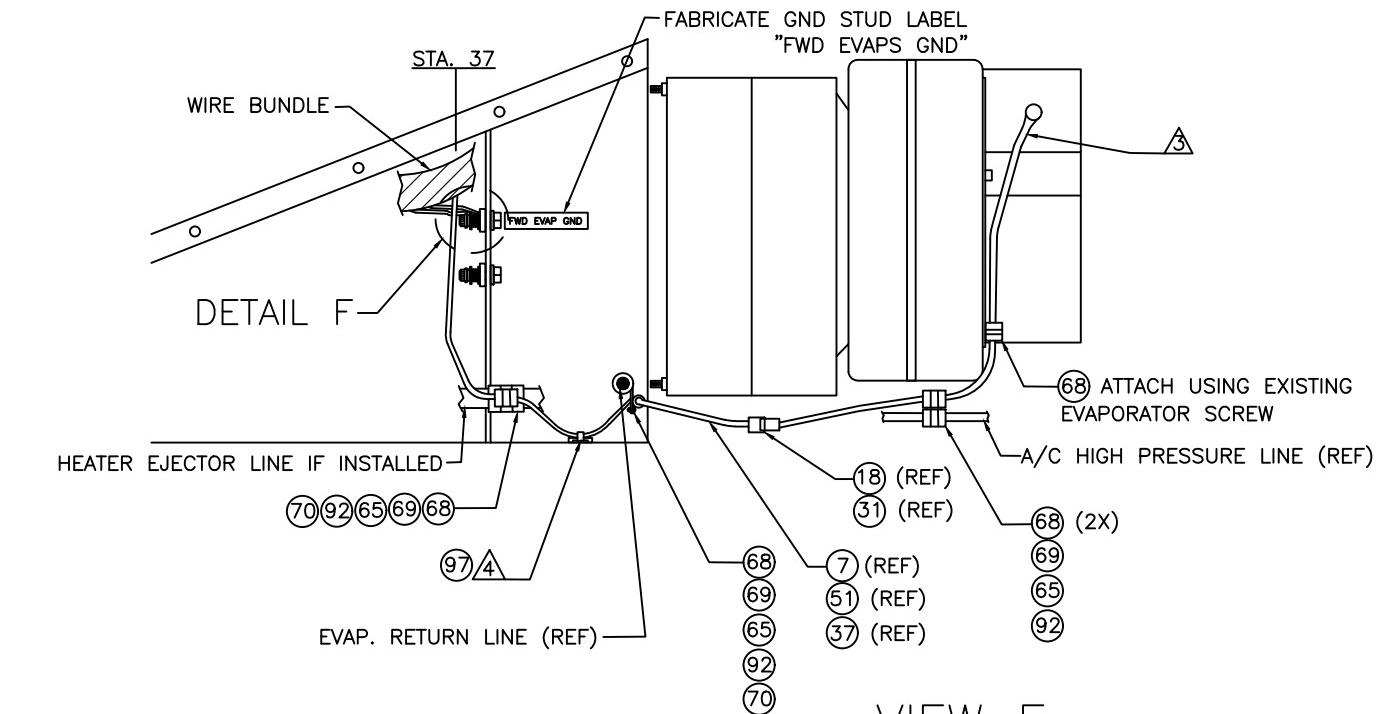
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PROTO
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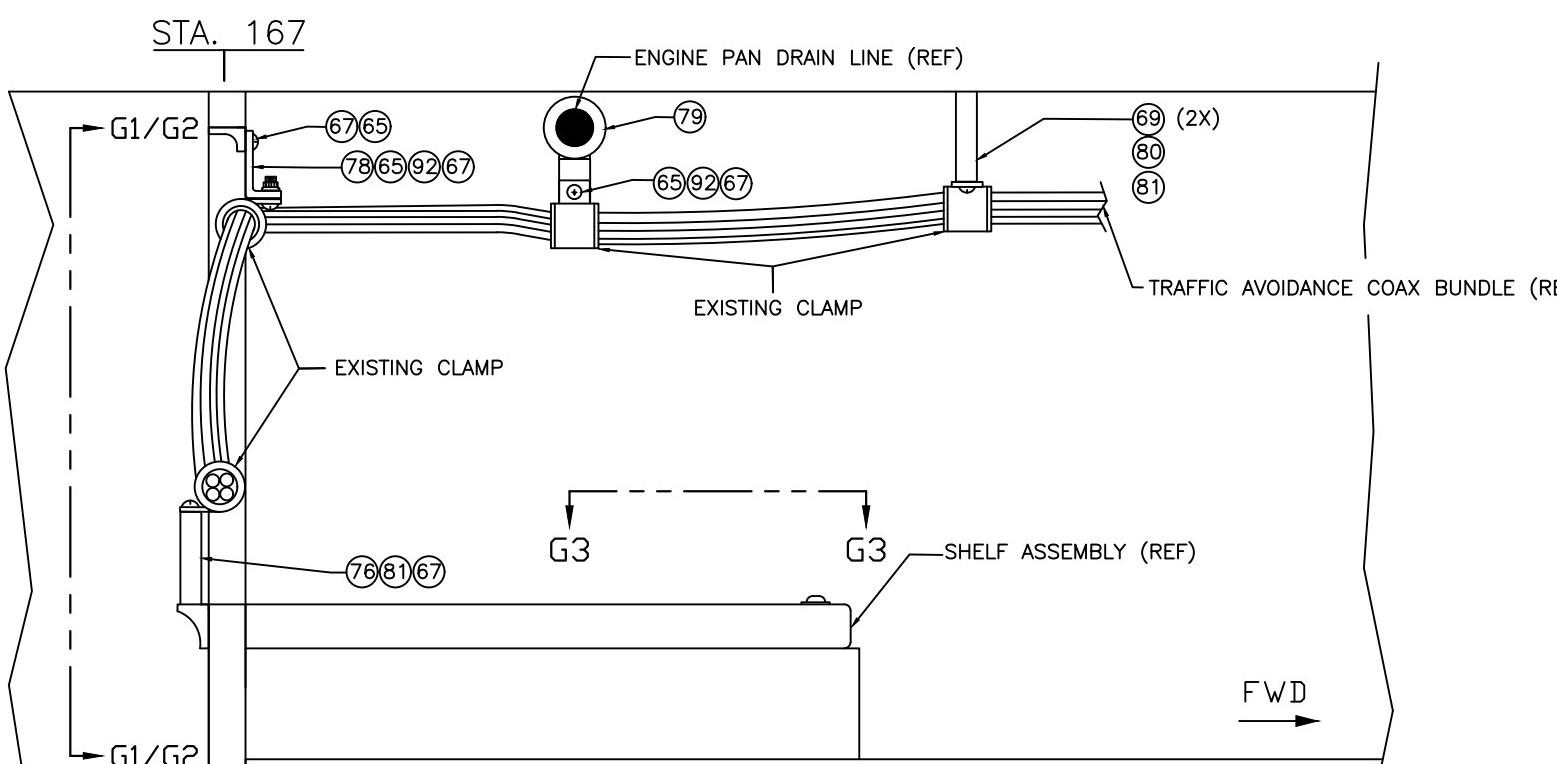
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DIMENSIONS IN INCHES		TOLERANCES EXCEPT WHERE NOTED:				
		.X = ± .1	.XX = ± .05	.XXX = ± .010	DATE 12/12/19	
DO NOT SCALE DRAWING						SHEET 7 OF 9
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-VIEW E1
FWD EVAP LHS WIRE ROUTING

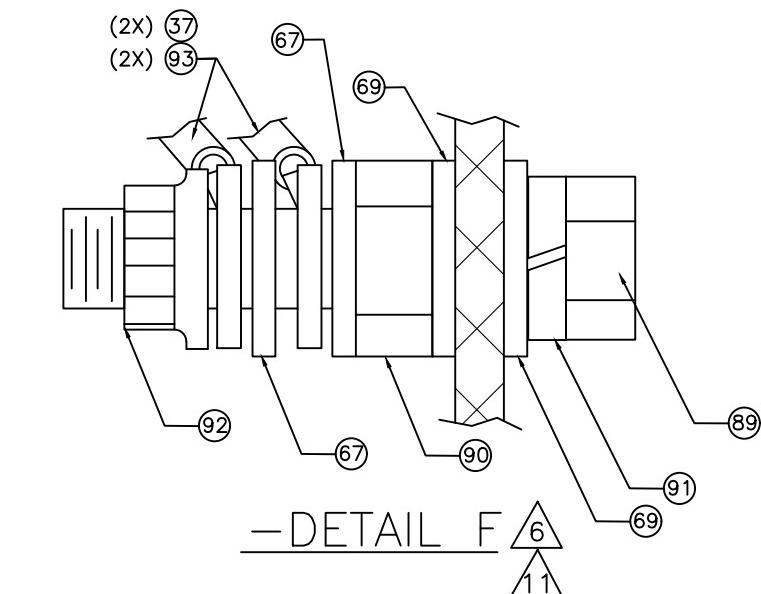


-VIEW E
FWD EVAP RHS WIRE ROUTING

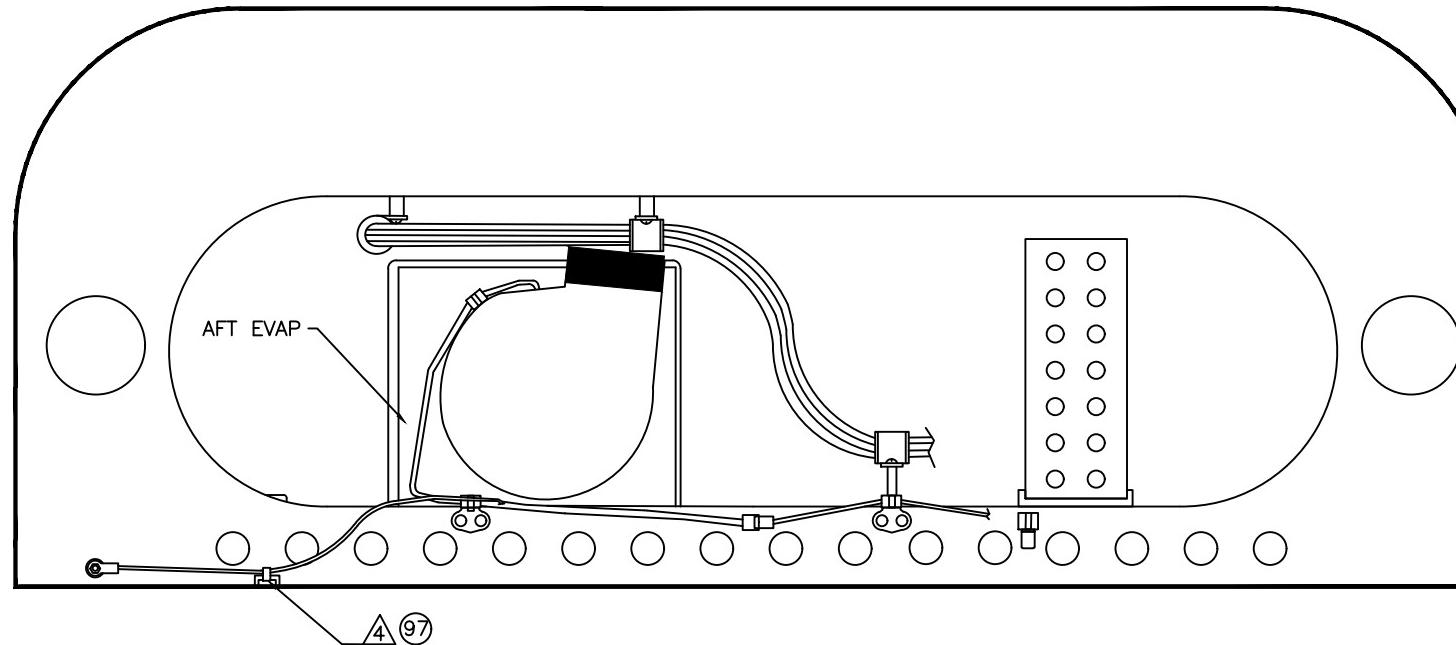


-VIEW G
EVAPORATOR AND OTHER HARDWARE REMOVED FOR
CLARITY

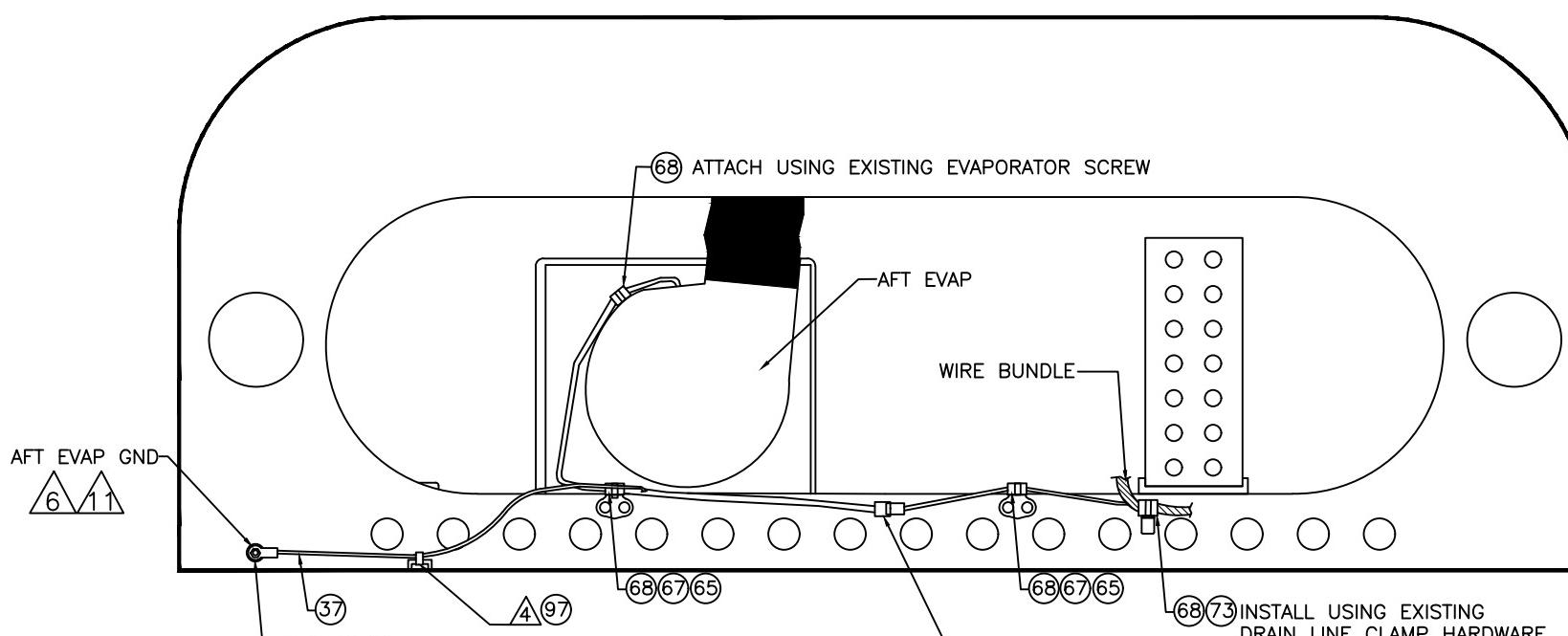
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Paravion® Inc. Technology	TITLE			DRAWING NO.						
	ELECTRICAL INSTALLATION			407AC-610						
DIMENSIONS IN INCHES										
TOLERANCES EXCEPT WHERE NOTED:										
.X	= ± .1									
.XX	= ± .05									
.XXX	= ± .010									
ANGLES = ± 1°										
THREADS:										
INTERNAL=CLASS 2B										
EXTERNAL=CLASS 2A										
DO NOT SCALE DRAWING										
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PROTO	DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV					
N/C	DT	ZA	LS	12/12/19	H					
SHEET										
8 OF 9										

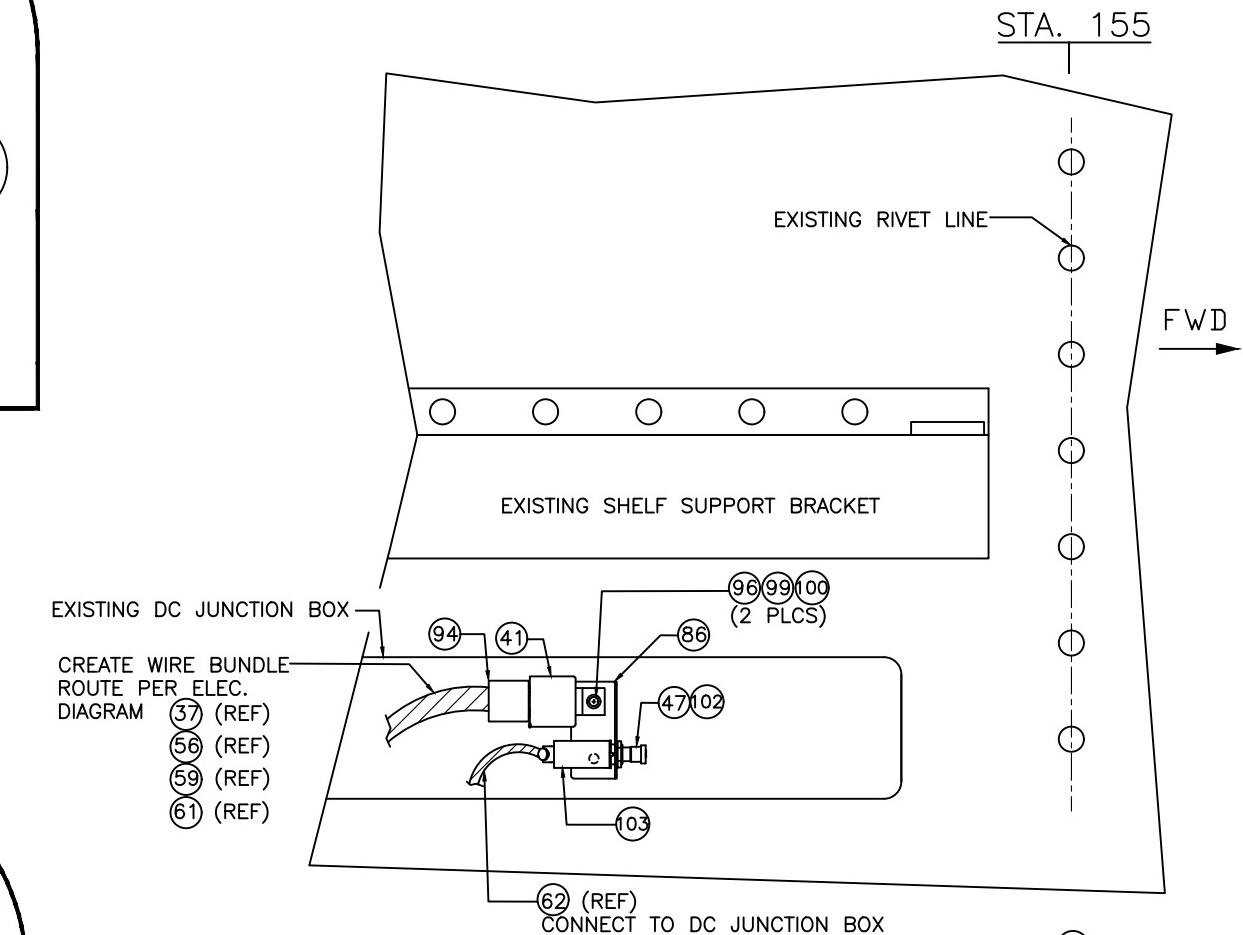


-VIEW G1
TRAFFIC AVOIDANCE SYSTEM WIRING
LOOKING FWD. AT STA 167



-VIEW G2
AFT EVAP WIRE ROUTING
LOOKING FWD AT STA 167

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-VIEW G3
-2 INSTALL ONLY
RELAY AND CIRCUIT BREAKER
SUGGESTED LOCATION
SHELF REMOVED FOR CLARITY

Paravion® Inc. Technology		TITLE ELECTRICAL INSTALLATION			DRAWING NO. 407AC-610		
DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV H	ECO
.X	= ± .1	DT	ZA	LS	12/12/19		
.XX	= ± .05						
.XXX	= ± .010						
ANGLES = ± 1°							
DO NOT SCALE DRAWING							SHEET
THREADS: INTERNAL=CLASS 2B EXTERNAL=CLASS 2A							9 OF 9
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PROTO
N/C

Bill of Materials

*407AC-610-1, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407AC-610-1, REV. H	ELECTRICAL INSTALLATION	1	KIT
1	206AC-6120-1	PLACARD	1	EA
4	407AC-6110-2	JUMPER 12 AWG WIRE (AC2P12)	1	EA
5	407AC-6110-1	JUMPER 12 AWG WIRE (AC1P12)	1	EA
6	407AC-6112-1	FUSE HOLDER ASSY	3	EA
7	407AC-6114-1	18 AWG WIRE (AC1H18)	1	EA
8	407AC-6114-2	18 AWG WIRE (AC2H18)	1	EA
9	407AC-6116-1	18 AWG WIRE (AC1C18)	1	EA
10	407AC-6117-1	18 AWG WIRE (AC2C18)	1	EA
11	407AC-6118-1	DIODE ASSY	1	EA
12	407AC-6119-1	18 AWG WIRE (AC4C18)	1	EA
13	5A446	KNIFE CONNECTOR	2	EA
14	AGC-10	FUSE (10 AMP)	1	EA
15	MS3367-4-0	TYRAP (ALT: CT4B)	3	EA
16	ES50270-1	FEMALE TERMINAL	11	EA
17	ES50270-2	MALE TERMINAL	9	EA
18	ES50273-1	FEMALE MOLEX CONNECTOR	3	EA
19	ES50530-2	SWITCH (DPDT)	1	EA
21	MS14105-35	BREAKER	1	EA
22	MS21042L08	NUT	4	EA
23	MS24523-23	SWITCH (SPDT)	2	EA
24	MS25036-107	TERMINAL	2	EA
26	MS25036-149	TERMINAL	3	EA
27	MS25036-153	TERMINAL	2	EA
28	MS25036-156	TERMINAL	8	EA
29	MS35206-245	SCREW	4	EA

Bill of Materials

*407AC-610-1, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
30	MS35489-4	GROMMET	1	REF
31	ES50273-2	MALE MOLEX CONNECTOR	3	EA
32	NAS1149FN832P	WASHER	4	EA
33	SFE-20	FUSE (20 AMP)	1	EA
34	M7928/5-4	BLUE WINDOW SPLICE	1	EA
35	VT4V	TUBE INSULATION (ALT: VT-4)	3	IN
36	AGC-15R	FUSE (15A) (ALT AGC-15)	1	EA
37	MS22759/41-18	TEFZEL WIRE 18GA. (ALT: MS22759/16-18)	9.5	FT
38	MS25036-101	TERMINAL (ALT: MS25036-102)	6	EA
45	M23053/5-106-0	HEAT SHRINK	10	IN
50	ES50272-2	CASE	1	EA
51	407AC-6114-3	18 AWG WIRE (AC1L18)	1	EA
52	407AC-6114-4	18 AWG WIRE (AC2L18)	1	EA
53	407AC-6114-5	18 AWG WIRE (AC3H18)	1	EA
54	407AC-6114-6	18 AWG WIRE (AC3L18)	1	EA
55	407AC-6117-2	18 AWG WIRE (AC3C18N)	1	EA
63	MS21919WCH3	CLAMP	2	EA
64	MS9592-014	BRACKET	2	EA
65	MS27039-1-08	SCREW	13	EA
67	NAS1149F0332P	WASHER	10	EA
68	MS21919WDG3	CLAMP	19	EA
69	NAS1149D0332J	WASHER	16	EA
70	MS21919WDG10	CLAMP	2	EA
71	NAS1801-3-40	SCREW	1	EA
72	NAS43DD2-128FC	SPACER (ALT: NAS43DD3-128N)	1	EA
73	MS9596-008	BRACKET	1	EA

Bill of Materials

*407AC-610-1, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
74	MS21919WDG2	CLAMP	6	EA
76	NAS43DD3-80FC	SPACER (ALT: NAS43DD3-80N)	1	EA
78	MS9596-014	BRACKET	1	EA
79	MS21919WDG4	CLAMP	1	EA
80	NAS43DD3-72FC	SPACER (ALT: NAS43DD3-72N)	1	EA
81	MS27039-1-28	SCREW	2	EA
82	30713	CONNECTOR (ALT: KTN 50, KTN 24)	2	EA
87	NAS43DD3-20FC	SPACER (ALT: NAS43DD3-20N)	6	EA
88	NAS1801-3-16	SCREW	3	EA
89	NAS1801-3-12	SCREW	1	EA
90	AN315-3R	NUT	1	EA
91	MS35338-43	SPLIT LOCK WASHER	1	EA
92	MS21042L3	NUT	11	EA
93	MS25036-108	TERMINAL	2	EA
97	CB9302V3	TIE MOUNT	3	REF

Bill of Materials

*407AC-610-2, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407AC-610-2, REV. H	ELECTRICAL INSTALLATION	1	KIT
1	206AC-6120-1	PLACARD	1	EA
4	407AC-6110-2	JUMPER 12 AWG WIRE (AC2P12)	1	EA
5	407AC-6110-1	JUMPER 12 AWG WIRE (AC1P12)	1	EA
6	407AC-6112-1	FUSE HOLDER ASSY	3	EA
7	407AC-6114-1	18 AWG WIRE (AC1H18)	1	EA
8	407AC-6114-2	18 AWG WIRE (AC2H18)	1	EA
11	407AC-6118-1	DIODE ASSY	2	EA
12	407AC-6119-1	18 AWG WIRE (AC4C18)	1	EA
14	AGC-10	FUSE (10 AMP)	1	EA
16	ES50270-1	FEMALE TERMINAL	11	EA
17	ES50270-2	MALE TERMINAL	9	EA
18	ES50273-1	FEMALE MOLEX CONNECTOR	3	EA
19	ES50530-2	SWITCH (DPDT)	1	EA
22	MS21042L08	NUT	5	EA
23	MS24523-23	SWITCH (SPDT)	2	EA
24	MS25036-107	TERMINAL	2	EA
26	MS25036-149	TERMINAL	4	EA
27	MS25036-153	TERMINAL	3	EA
28	MS25036-156	TERMINAL	8	EA
29	MS35206-245	SCREW	5	EA
30	MS35489-4	GROMMET	1	REF
31	ES50273-2	MALE MOLEX CONNECTOR	3	EA
32	NAS1149FN832P	WASHER	5	EA
33	SFE-20	FUSE (20 AMP)	1	EA
34	M7928/5-4	BLUE WINDOW SPLICE	2	EA

Bill of Materials

*407AC-610-2, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
37	MS22759/41-18	TEFZEL WIRE 18GA. (ALT: MS22759/16-18)	9.5	FT
38	MS25036-101	TERMINAL (ALT: MS25036-102)	6	EA
41	ES50186-3	RELAY	1	EA
45	M23053/5-106-0	HEAT SHRINK	10	IN
46	MS14105-25	BREAKER	1	EA
47	ES50184-7	BREAKER	1	EA
50	ES50272-2	CASE	1	EA
51	407AC-6114-3	18 AWG WIRE (AC1L18)	1	EA
52	407AC-6114-4	18 AWG WIRE (AC2L18)	1	EA
53	407AC-6114-5	18 AWG WIRE (AC3H18)	1	EA
54	407AC-6114-6	18 AWG WIRE (AC3L18)	1	EA
56	407AC-6117-3	14 AWG WIRE (AC2C14)	1	EA
57	407AC-6117-4	14 AWG WIRE (AC3C14N)	1	EA
58	407AC-6116-2	18 AWG WIRE (AC6C18)	1	EA
59	407AC-6116-3	18 AWG WIRE (AC3C18)	1	EA
60	407AC-6116-4	18 AWG WIRE (AC5C18)	1	EA
61	407AC-6119-2	14 AWG WIRE (AC4C14)	1	EA
62	407AC-6119-3	14 AWG WIRE (AC5C14)	1	EA
63	MS21919WCH3	CLAMP	2	EA
64	MS9592-014	BRACKET	2	EA
65	MS27039-1-08	SCREW	13	EA
67	NAS1149F0332P	WASHER	10	EA
68	MS21919WDG3	CLAMP	19	EA
69	NAS1149D0332J	WASHER	16	EA
70	MS21919WDG10	CLAMP	2	EA
71	NAS1801-3-40	SCREW	1	EA

Bill of Materials

*407AC-610-2, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
72	NAS43DD2-128FC	SPACER (ALT: NAS43DD3-128N)	1	EA
73	MS9596-008	BRACKET	1	EA
74	MS21919WDG2	CLAMP	6	EA
75	M81714/65-16-1	SPLICE	1	EA
76	NAS43DD3-80FC	SPACER (ALT: NAS43DD3-80N)	1	EA
78	MS9596-014	BRACKET	1	EA
79	MS21919WDG4	CLAMP	1	EA
80	NAS43DD3-72FC	SPACER (ALT: NAS43DD3-72N)	1	EA
81	MS27039-1-28	SCREW	2	EA
82	30713	CONNECTOR (ALT: KTN 50, KTN 24)	1	EA
84	SWT-1/8	SPIRAL WRAP	12	IN
85	MS25171-1S	BOOT	1	EA
86	407AC-2500-1	ANGLE	1	EA
87	NAS43DD3-20FC	SPACER (ALT: NAS43DD3-20N)	6	EA
88	NAS1801-3-16	SCREW	3	EA
89	NAS1801-3-12	SCREW	1	EA
90	AN315-3R	NUT	1	EA
91	MS35338-43	SPLIT LOCK WASHER	1	EA
92	MS21042L3	NUT	11	EA
93	MS25036-108	TERMINAL	1	EA
94	ES50187-4	CONNECTOR	1	EA
95	ES50187-6	RECEPTACLE	4	EA
96	MS35206-229	SCREW	2	EA
97	CB9302V3	TIE MOUNT	3	REF
98	AGC-3	FUSE	1	EA
99	MS21042L06	NUT	2	EA

Bill of Materials

***407AC-610-2, REV. H**

ITEM #	P/N	DESCRIPTION	QTY	TYP
100	NAS1149DN632J	WASHER	2	EA
101	MS25036-154	TERMINAL	1	EA
102	206AC-6130-2	PLACARD	1	EA
103	M23053/5-109-0	HEAT SHRINK	2	IN
104	31713	CONNECTOR (ALT: KTN 54)	1	EA